

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,064,486 B1
APPLICATION NO. : 09/641685
DATED : June 20, 2006
INVENTOR(S) : Mabry

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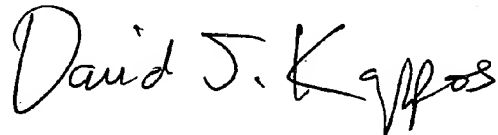
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The Title page, showing an illustrative figure, should be deleted and substitute therefor the attached Title page.

In the drawings, sheets 1 to 7, replace informal Figures 1 to 7 with Formal Figures 1 to 7 attached.

Signed and Sealed this

First Day of September, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Mabry

(10) **Patent No.:** **US 7,064,486 B1**
(45) **Date of Patent:** **Jun. 20, 2006**

(54) **LOCKING DEVICE FOR MICROCHANNEL
 PLATE IN IMAGE AMPLIFIER TUBE**

(75) **Inventor:** **Thomas Theodore Mabry**, Roanoke,
 VA (US)

(73) **Assignee:** **ITT Manufacturing Enterprises, Inc.**,
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(*) **Notice:** Subject to any disclaimer, the term of this
 patent is extended or adjusted under 35
 U.S.C. 154(b) by 1190 days.

(21) **Appl. No.:** **09/641,685**

(22) **Filed:** **Aug. 18, 2000**

(51) **Int. Cl.**
H01J 31/50 (2006.01)

(52) **U.S. Cl.** **313/544; 313/477 R; 313/524**

(58) **Field of Classification Search** **313/370,**
313/534, 103 CM, 528, 544, 530, 116, 377,
313/379, 541, 105 CM

See application file for complete search history.

(56) **References Cited**

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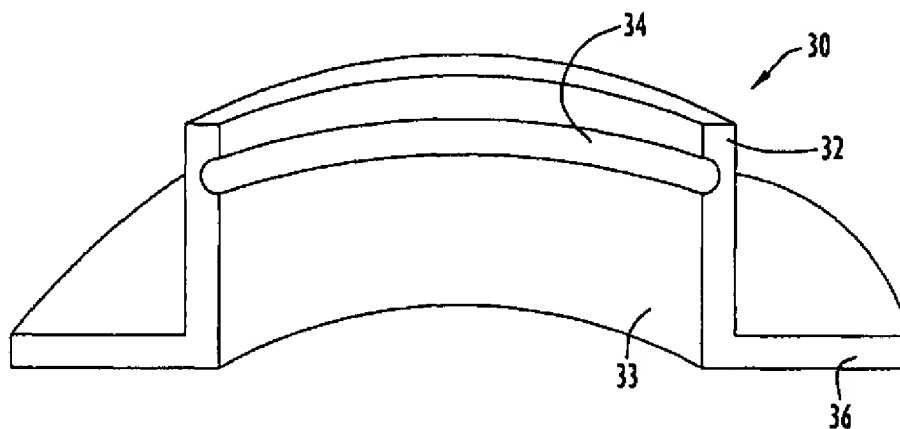
Primary Examiner—Vip Patel

Assistant Examiner—Ken Berck

(57) **ABSTRACT**

An image intensifier tube comprising a housing which holds
 a photocathode and a screen, wherein a microchannel plate
 is supported in a recess in an interior surface of an annular
 collar which is also held in the housing.

11 Claims, 5 Drawing Sheets



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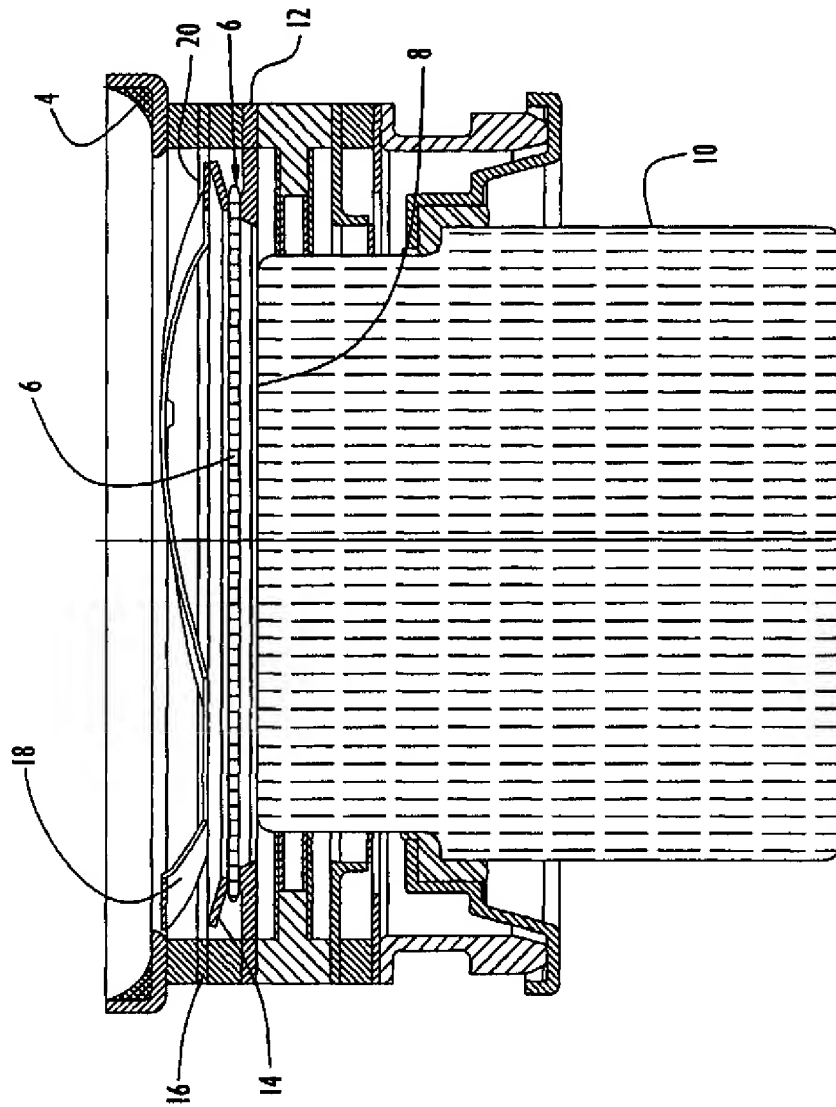


FIG. 1
PRIOR ART

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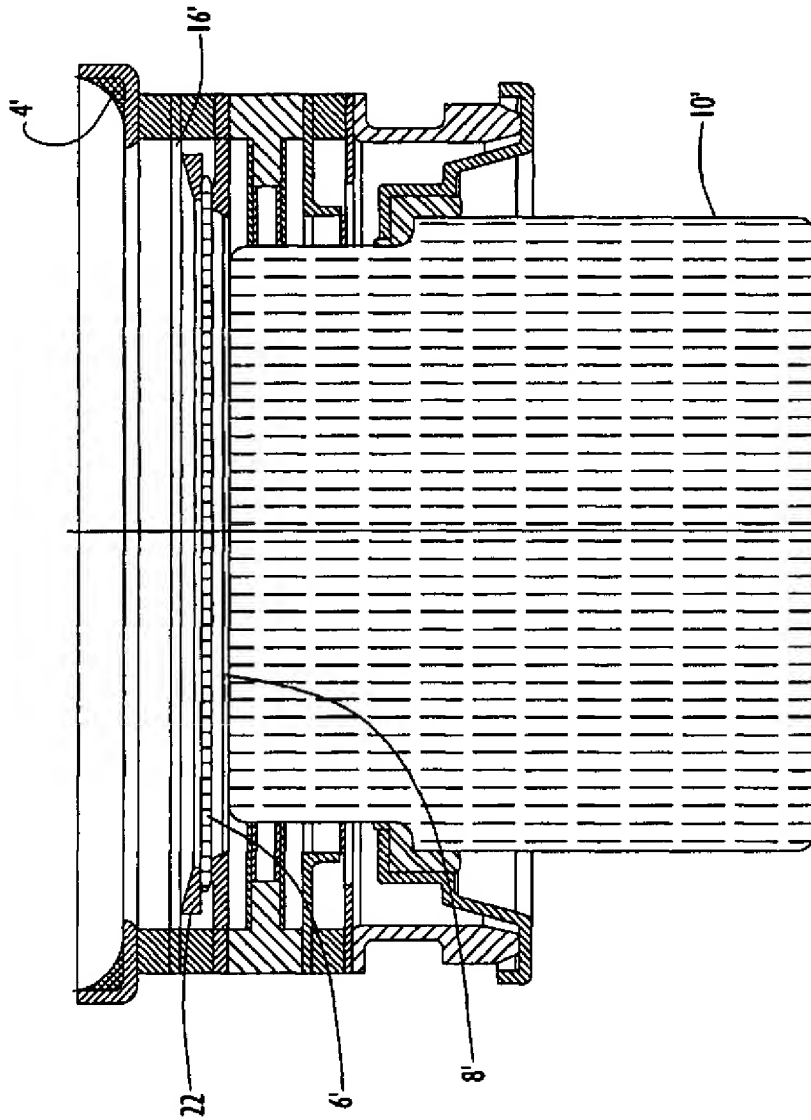


FIG. 2
PRIOR ART

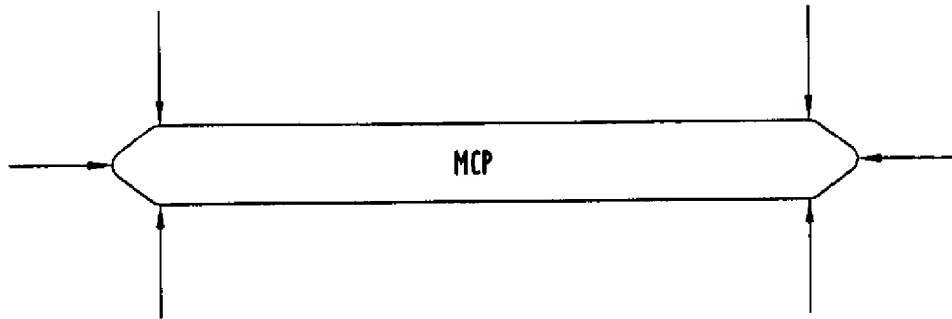


FIG.3
PRIOR ART

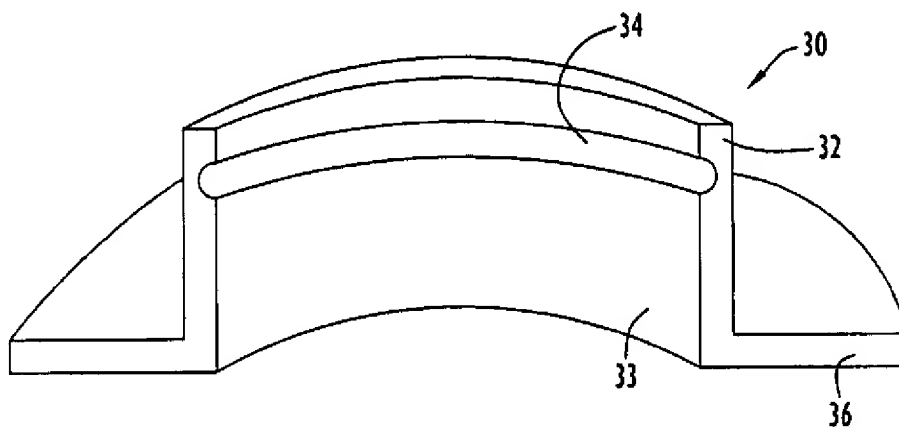


FIG.4

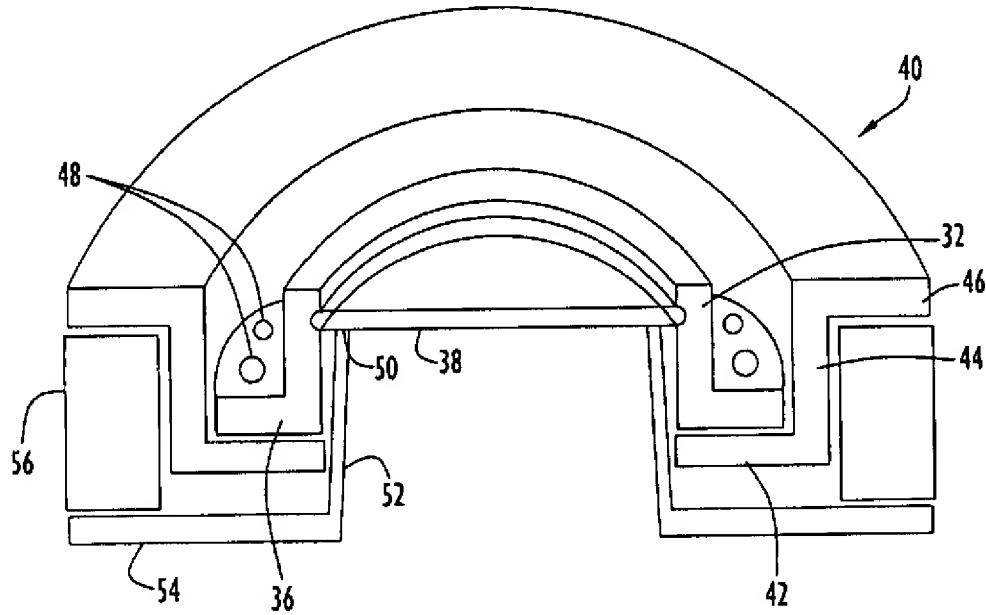


FIG.5

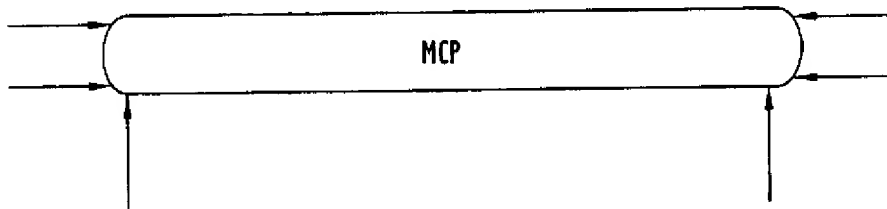


FIG.6

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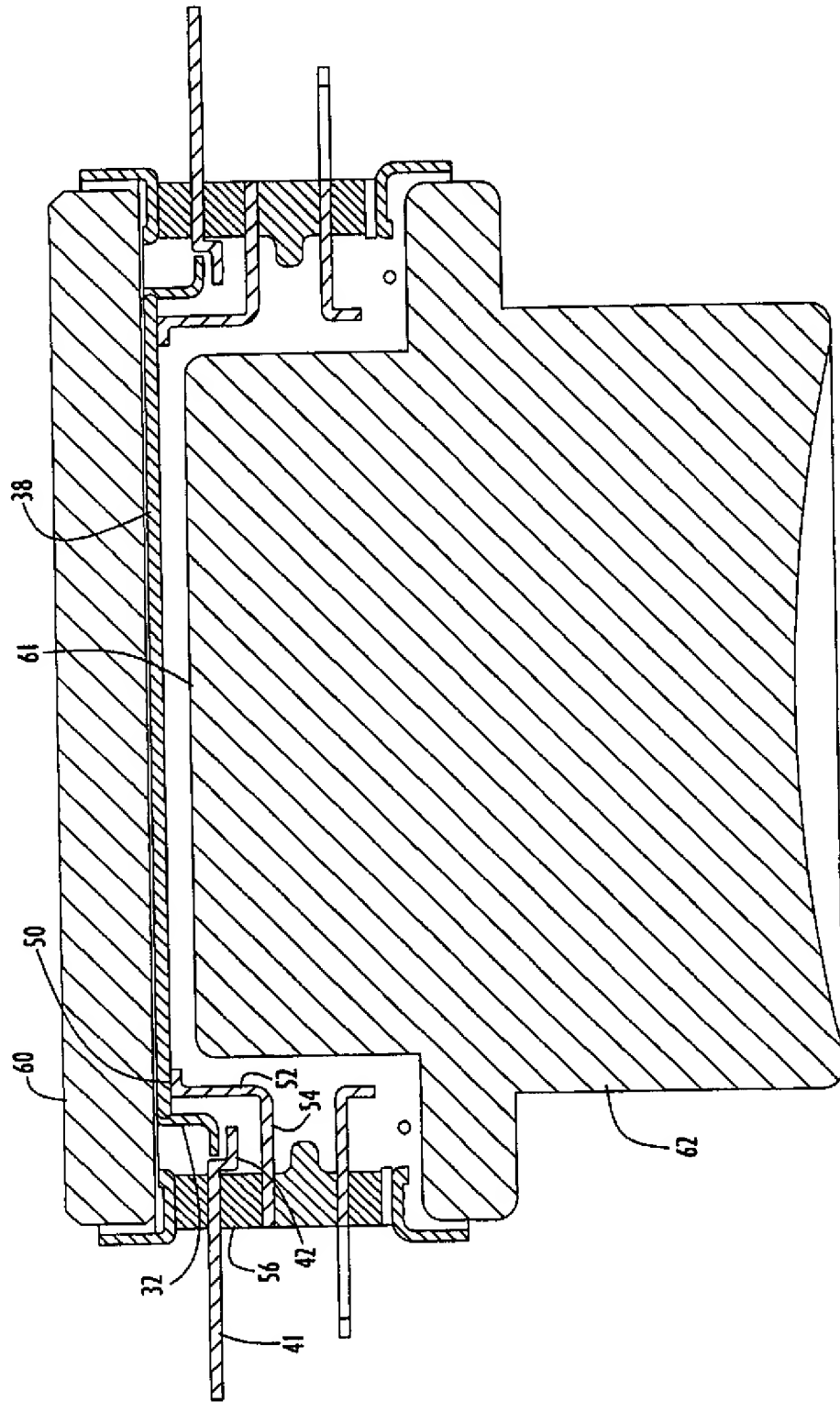


FIG. 7